Physick & Lectures Amos A. Evans. 1806.7 Philip olyng Physick storiffer of Surgery

Notes from Doct. Thysicks Lectures. Justay # Hovew: 1806 In he flammation them, swelling, reducts, and pain; the swelling is increased in post by a quartity of blood in the welsels of the part, which take on an increased action , t in part ley a pouring acet from the primete ver sels, of the gelatinows from of the blood, into the cellular interstices. In inflammation the heat Athant is never greater than that of the animal temperature, - When there is buch a sende ofheat as to become difagouable to the patient, cold air ar cold water away be applied beet when the temperature is vederced to as to become agreable tolevable to the patient, the cald thould be removed; as the br. then believes it there as, as a trinical and hiplammation thould be attempt by visolution, the visicolies for which are It look letting. 2 hurging. Low dist, vest, neutral fatty. to which autinionials may be jained with advacation tages the diet should be enterely vigetable,

all Kinds of Finnelating food thould be avoid . d. boiled nice, ripe fruit, to are good - brother and soraps are had apple water, barley water tamarind water, lomonade, to an good dinks. all spiritous liquors should be abstained from. When inflammation teigs a particular part in fewers &6. unlys situated near town large blood vepsels, or part where are bufferration wou do, considerable injury; et should never be resolve In waven weather when a tetatics is apprine : did inflammation should be excited by apply. ing a Blister investigately over the would Blisters applied to Theigmons are of great Dr. Physich was call to apatunt who was haid te le dying from a prince received just above the extrenal ankle some days before , when the for saw him, he was in a universal trumon to much so as to be unable to articulate a those disagnesable hypertoms were vernoved in

an hours time by a dose of Laudenn-and some of the same Mudicine applied to the wound, in a doubtice. Dr. P. has been an inflam to cause an opacity of the Lens, this inflammation vesisted all attempts to remove it, till a fuall artery on the inside of the upper up lid bursted and dischanged a piret of Blood- the consequence was the Light was directly restored and the in flammation ceased, Where the Lysten is affectio, general bluding thould always precede local . Friday November 14th. 1806 An Aleseys is a circumseriled tumour con: taining purs- pus taken from a healthy some is of the Sonsistence of cream of a light straw colour. to an abscept. .. Absceptis in parts immediately medsary to respiration, as the facees of thould he opened immediately- when an abscip is formed on any part of the face it should be opened soon as opening it prevents the ulfly appearance of a dear an application of a Blister over a bustos, often causes an absorption of the prix when inplant

mation fieges wital parts, a hectic fiver generally attends, which consists in debility- slow quick frequent pulde. chille, + night Sweats, commone assumes the appearance of our intermettent. The Hestie has been Supposed by baller & others to be caused by an absorption of frus the sect denies as he has Known the appointion of lango quantities of pusto take place without any heat attending as in Poulow. H. he supposes it to be by Sympathy as dos inflammations of witals hants eause great commotion in the System. Hunter has supposed that the ploodingsels of an inflamed part take on the office of glands & secrete purs. of duflare. mation of the mamma on Ob reacts of wormen This the Mother is liable to this disease, any he awing to mechanichal injunies to taking cold to the inflammation may attack the cel. : Cular membrane ar the glands. Cure, is him formed by blading purging-low diet-amount the part with warm ail a positive of break and milk with leadwater, if it does not yield

to those remedies apply a Bliston over the partplace, open the absect with a lancet-afterwards no ather application is necessary than about! ties of lineas & wilk. \_ Paronychia or felor this is a painful and burning swelling at the extre mities of the fingers - it his of 3 Kfinds . 1th when there is is situated immediately belove the skin 2nd. When in the cellular Munbrano, and 30. when it attacks the periodicum, or Theca afone of the Fendons. The only effectual cure is to make an inscission, Sufficiently lange, down to the part affected, when pungous arises it is from the for inversion leving too Small, which is cured by cularging it with the scalled Isoas.or Lumbar absects is an absects of the proas musely fituated on the auterior part of the A cacrum is formetimes mistaken for her nia. on prepure an evident fluctuation of mattew is pereceived when one hand is placed on the tumor of the thigh of the other on the abdo num by alternate pressien, the tumor may be made to fluctuate leachwards, & farceded - this disorder is generally fatal the to the after the absert is (3)

spend, Heetie fever comes on, and carries of the pa tient this the br. says, is not awing to an absorp tion of the matter as generally believed, but to the inflammation which is induced by the on the in tinnal surface of the eavity, by the accept of the exten = real air . - This it has been supposed, might be remed : ed by making an inscipion thro, the thin from below upwared then continuing it further thro, the celleda hightance, & at last by depressing The point of the Langet, to make enter the cavity. after the matter all drawn off in this mounier the wound can be easily closed, & octained to as to preventthe air from entiring. The br. Lays he has never been so breeyfull as to cur a lingle care of this diras The game a description of a case of this Kind that carrie under his protien he made the opening as hem directed, and drew off several governor of how. and fever came on which was cured by referen : id blieding, tother sucrette duliphlogistic reme : clied. but at length a Heetic bycerid, whethat a : sisted every effort to stop it & finally distroyed the patient. in this case the Spine was very much adhesion had taken place between the bon therewo des- a comple Lawer vertilore, of the 3 adjaining one of the Lumbare

one of the vertebra was on the forepart, was complete : by absorbed, which caused on the # the Lumbar wentebre to go of from the possal at mearly and dente angle. The cartalizes were likewise absorbed -the bones came in close contact, and adhere firmly. Erysipelas. is a diffused sed purple Swelling, which Spreads itself irregularly over the Kiw attended with pain, not of the decute best of the burning Kind. It is lituated in the cutis vera. it differs from the adhesive inflammation, in extravasating serum. When it produces person supportation the serem is poured into the cellular munbrane, which travels from cell to cell and formationes produces gangresse. The cure of Engsipelas the Laure as of common inflano : mation; the autiphlogistic second regimen & Metion wheat flows sprinkled are the part Blistens applied over the past put a stop to it in a very thorttime the blister must be cover and proceed wather higher than the the upper edge of the inflammation: when it sup. : purates ofen immediately... Mortification is the complicat of entire death of the part. Mortification is the of two Kinds, one, the effect of inflammation, the other, not. The appearance of a part about to mortely is first red, it afterwards as the Mostification proceeds be : comes lived , the at last black. a mortified partis generally covered with lives blotches contains sereew

Cure of a Mortified part as frostbitten lines, to, all that can be done in this case is to apply a bread to will poultice maderately warn, I wait till the mortified parts depperate: if the System is kery much ordered give Bark, wine, to pieces - in case of mark fied parts in all people, aplem has been found of more service than either bark or wine. Mener perfores mortification Unification buntil mortification stope Do Piwas and induced by the ocheated Policitations of the patient, to amputate a line before the more : fication Stopped, the consequences was, the mortifica Earbunch is lituated is the cellular Membrane and generally mostifies - the are mostly found on the back rare attended with a burning pain -Alisters applied to the surrounding inflamed parts. generally Hops the mortification - Circular in seifsions thro, the Skin around the mortified parts and acrops thew, have been found very effectual in curing mortified carbuncles. they are attended with pain, which is releived by prepure of the Consults Orloadvessels. & P. mentioned several eases of mortification cured and Hopfed by the application of Blisters - if the foot for instance is morte

: fied of speading fast upwards the application of a blister immediately above the mortified part which some sught to surround the leg; will care it. ther remedies had been tried in train, the mortifica. tion still continued to increase -a Blister was ap: plied they some were cured. He seen a petient that had the Glaces peries mortifiers - a Blister was applied that sen counded the penis the recontification stopped, + the dead hant sloughed off one of the cases was in a letter from De wistant unother from Dr. Ruth, Lathird from book Church- all establishing the efficacy of Blisters in the cure of Mortification -. If a Polistin is applied to a part that is about to recortify it stops it - The emo · lient porchtice with charcoal, the carrot portlice I several others, have been recommended to a therife cure montification - but there the De Lays do nagood unless it is after the part has mortified, when they correct the fator by their austiseptic qualities-De says he has found nitrie acid diluted with correcting the fator which after to great as to be la-tolerable to the patient. ... When burning the causting

they are know dangerous than when on any Muscle. they are likewise dan gerous on the hear. The danger do. : pends on the extent of the surface burnt - suredouger in General, or tuch as effect the fythen producing fever and Local. Inflammation which supervenes for lun the Dr lections differs very much from common whan : mation - it does not thew a disposition to resolve. the pain not of the same Kind - the Same remedies de not cure it\_. For Local Tourns Vinegar & Apts Ferelieveth ceritoo, on repende, and very good-Kentish Linament is excellant. When inflam matory actions comes on from the first, antiphlogistic remidies are proper but the when the patient is debilitated from the beginning, or the inflavouration is not proportionate to the certiff of the lecions, the antiphlogistic regimen is certainly improper on the contrary use condial dis Tens day Novem 25-tto Manual may be divided into two kinds vir processo and the continued the continued the continued the continued the continued the inscission in made office of the inscission in made officed with a play one the homorrhage stops in a di : wided artery, two circumstances take place, , I the artery contracts, and 2 a clot of blood is formed in the more of the divided artery. the first thing to be done in uscissed wounds is to thop the homeworkage. this may be

done by confresion with the towniquet the next thing is to cleanse away the clotted blood from the wound by means of a sponge dipped in warm water, in order that the mouths of the bleeding vefols may be seen & secured by ligature - the ends of the divided artisies ind the lower part ought also to be seeved, or when the tourniquet is taken off the howorkage will re : turn from them, by means of the anastimoning branches. but when the wound is very high up on the limb, tin some other cases, it is impossible to apply the tourniquet-in these cases the artery that supplies the part dught to be compressed by the hand if possible as for instance the artery which suffices the up : per extremities may be compressed as it passes over the first rile - + that which supplies the lower extra mity way be compressed in the grow. when the artity caunat be surrounded by ligature, compression with dry lint-or flow sprinkled on the part must be tried but if these fail the hat irow must be tim applied. after the blood is stopping bring togeather & retain the sides of the wound - this may be done 1th by appesion plaster, this ought to be spread on linew, & compreper & bandages applied al above. 2 by blicker-news draw the sticker too light, on the parts which are pressed by them will mortify-on Union will generally take place in about 48 hours

during which time the dressings ought not to leave : moved - if inflammation comes an, bleed & enjoin the antiphlogistic regimen-if on the contrary the patient is weak & inflammation does not come on - Unimal food of home Spinitores liquors are medsary. The boot informed us of the case of achie that had made a large susception in the bottom of the foot- which could not by any means les Stopped, for the artiries could not be taken up in this case he treated it successfully ley compassion the leg means of the Fourniquet and a copper hook rapped round with toft cloath, placed beaneathit the anterior of posterior Tibial artires in a thort time the wound healed of the Fourniques was taken off the use of the firm ring under the tourniques was to prevent it from compressing equally the who leg, which would have prevented the return of benous blood & have produced very distripling con sequences ... he wounds where you have peakan to huppose an artery is wounded, never introduces Lint, or any other substance betour the edges of the wound - but let the parts units by the first in · tention of. He told us of several cases when the artery was wounded and a flow of blood had take place into the surrounding cellular Men.

: brane- that by rest a recurricult postere, theed got well without taking up the artery -Freday Novem 28th 1806 -The Dr came next to speak of Continue woundsthese are made by flat unstruments- a soft bread + milk poulties is the last application to the partsoficer May be given to allay the pain . from Contuned wounds are divided with 3 kinds- viz. conliced properly to call, - princtured, + gunshat. Of perultiered in punctures the mouth of the wound is small but deep. when conved Fions come on in consequence of princtures, introduce the directory + dilate the wound. When a part is puncture in warm weather, it ought to be prevented from healing immediately, by Himulant applications, or by a general diet. - Gun Shot wounds - when the flough septerates in consequence of que that wounds, the durgeon aught to be waterful, as a homorohage then generally comes an if a blood vegsel has been injuried - at first they seldow bleed much owing to the ball Milling the parto- the death pro-: decid in the parts depends on the relocity of the hair if the ball flies with little velocity, the wound easien cured than when the velocity is greater- awing to the meater death produced in latter, than the former case. of the Ball her deeply lodged, it will be sewproper

to dilate the would in order to extract it-it will also be curroug to probe the wound or to introduce long forceps the best application to the wound is a poultice of Linderd, or Bread Hill, whichought to be continued till suppuration comes on if the not bleed too largely at first, or Fetames will come one as foon as the Suppuration comeson give Bars from a man who was that throw the horak in wounds of the Thorax, the treatment the Lann 35 in plearing Phisters to the side of When the Spinal Malrow is injured about when the Thrence nevers go off the patient generally dies about the 11th day - a wound of the Bladder where the wrine weaper into the cavity of the Peritoneum is fatat. he wounds of the Intestines when any part protected place them I write them by the interrupted Section Tenday Lecerater 2. 1806 In wounds of the Eye Ball the lust collyrium is the pith of Sapafras-if it inflames blied-purge, of. In wounds of the face Kup the sides of the wounds in close contact adhosive plaster spread on linament andwers every purpose if no loss of sutistance is sees-· toured - even the like when entirely divided thros

may be retained in this manner- in continued wounds of the face apply poultices. In Mounds of the Forgue, was the interrupted section in wounds of the external ear it is also necessary. In wounds of the Freichea the justerrupted Lecture is necessary the external in ours may be treated either legs adhesius plaster on tiches-do not draw the ex: . ternal okin close togeather. Hop the blood in the first place. wounds of the Esofthagees May he retained by the interrupted Lutier of hind, of Penetrating Wounds - they sometimes order the ca voties of the Thorax + peritoreum abdorneum a great degree of inflammation generally corner on. If the butercostal artery is wounded, scaund le taken up, it has been advised to pass a ligation around the vile of this compress it. he droping wounds of the Thorax the poultice ought to Car. confined in a little Bag of gauge to prevent oney part of the poulties from falling in. Allem : when to is not brought on by the red sion the in to the cavity - as has been generally supposed.

Of Wounds of the oblidomen - If an opening is made by a wound into the cavity of the eledonice it is al : ways desirable to unite it by the first intention - use the interoupted secture - paps the readle from within out : words about 1/4 of an inch from the edge of the would. let the tickes du about I an inch apart, use the auti-

phlogistic regimen. Clasica low diets Keep the bowls open +6. The danger in wound sof the Homachtable new is from the contents of these viscera escaping into the cavely of the Aldonew. as Loon as it is discovered that either the stomach or intesting has been wound : ed, they should be united by the unterrupted by the inter: out of the external wound it is found that they alroays pass into the intestines. The ligature should her cut off close to the intestino-or the hard will in. : ritate & inflame the contents of the abdomers. When a bowel is wounded the peristattie mo. : tion is very Much lipened. When the bowel is Hicked- Hickory the external wound- let the potent be kept chiefly on drinks - if inflammation of fever come on, blied to .... a child in this city was inounded in the abdonien by shot-which paped thro, The intestines of were discharged by stool - the patient lied, + when dipreted a number of worms were fain to have made their way thro the holes made by the that as far as would permit in this case the on thinks the shill might have recovered if it had no ween for the worms. The Do telated a case given to him by Dr. archer, of a man who was wounded to largely in the Househ that the bread of chuse which he had eater just before, fell on the floor before him bed sticked the wound of the patiens recovered .. When the liver is wounded a distrep.

ing pain will be felt in the part of the dell hear my Kind of if the right Lobe he wounded, there will be a pain in the right shoulder tech the patient on low diet bleed, to rest to Barly water is a very to duffort the strength & at the same time to give little nourishment or stirmeless. -When the Kidney is wounded the patient voids bloody wrine if the wrine escapes into the cavity of the peritoneum it will be inevitably mortal. he wounds of the doints great pain tin farm : mation come one: the Limb must be Kept in Such a Manner as to approximate the sides of the wounds They recommends the intirmet : id Suture, but the Dr. thinks adhesive plaster will be sufficient, if the rimole is kept in apro : per position if however, you use the secture never tich thror the Capsular Ligament. Blued. ing Rest low dut antiphlagistic regime w. Ab, are proper & nicessary Friday Dect 12th When a wound penetrates the capsular ligament a plint though be applied to prevent motion of the joint. When the ligaments of the joint are very much lacerated and the box ends of the bones expicied it is call a compound by facture when this happens to any of be large joints as the aukle or elbow ampetation thout be performed for it it is not done fullamentation fever sometimes Letares of death come on in compound

p Fractigrewhen the pateent will not bubmit to an ampu tation it has been advised to produce an anchylosis or long union, to do this the cartilage must be removed for antilage meither inflames nor granulation to favor anchylosis it is absolutely needlary to keep the joint perfectly at rest-for this purpose splinto should be applied. of Wounds of the nerves + tendons when a nerve to divided the pain is very herer at first inflamma tion takes place rouled the would pain onumb e tion takes place route come on. It has gen info and of the limbe to cut thro, the dissider nerve on the cally been advised to cut throw supperation on the port house. I does no good of not however in the facility to the facility to the facility to the facility to be the true of the woundered to be the facility of the through the woundered Speed be approximated & Rept together by adherine plaster - when the Tundo a chilles is wound on external skin is very often treckes in between the ends of the direider / Tendow, when this happens the aken must not be permitted to walk for 6 or 8 weeks. of wounds of the being the views when. wayened sometimes unflame on their inner hurface which the along for some distance. this generally happened from bleeding, & is suffered to arise from the wounding of a number are truston, the arm dwell \* inplanted - is generally beent so that the patient can not stratew it. The D' thinks it is aring to the wound not ceniting by the first intention, but kuffames. In supporates, the matter formed within the view of pushed on towards the heart, & mises with circu : La ting maps and accion sometimes takes place litteder the sides of the view, in consequence inflammation, so the hapsay of their is

block again in the dame view. The heart applicantion is a Blister applied to the inflamed heart applications the property of the inflamed heart and the blister hole the partient is well. The property the Driver knew it to fail a before the blister hole the patient is well. The Pread to ess Dr Hunters is generally mistoken for a wound of the new or a tendon ide bee how daisgnows of hurtful the operation of outling thro, the parts, as occo, inmended by mr. Bell, in order to outerely divide them, would be... Tuesday 16th December 1806-When we attempt to produce unchefosis at the ebow in consequence of a compound Fraction of that hart the arm aught to be Kept in a bent position, otherwise it will be useless. Exactly the contrary must be obserted in the freatment of analyloris of the Knee; the leg must be kept strought, or it will be of no kind of bervice to the policut. of Ulcers. I will confine ruppelf to where situation an the leg. If an ulcer is setuated an a sund part in a healthy constitution, it granulates cogulating Lymph is thrown out on the purface it is of a florid sed colour, unless the patient has wealked anit, or Kept it in a dependant posture in this case, it puls on a purple colour. as long as the sides of an when retain their life, the blood in the vefsels of the part is of a dark colour. Granulations possess a power of contracting , & derinishing the sides of the ulcer. Formation of new skin keegens when the

skin. Sometimes the new skin begins to forwat more points than one in this case the dicatrigate goes on very rapidly. Cure apply dry list on the hurface - + cloaths spread with cerate above - around all apply bandages Moderately tight. Do not They the lint between the sides of the relear pertapply it very lightly on the surface for if it is stuffed in the when it irritates it, I acts exactly as a peace an issue. Another Method has bela recommen : id, which has been said to cure recounds very speedily, vin to approximate the sides of the alea as also mean as possible, by a dhisive plaster the hair must be shaved from the leg before the plaster is applied. In lame cases it is populate to bring the sides of the Welcer completely into tact. Les this method the lige of the cicatrice will be muich lessoned. Loken the grance · lationed become harding offly lunar Caustic or expose the welcer to the action of the air -+ teaks well be formed, under which a new skin Loon appears. , Aleers situated ay the light which confine require the apistuce of a surglow. Place the patient a horizontal position, & Keep him bo; tel the Kinds viz. 1st the laced stocking which, if made to as to press equally, is the best . 2. the cotton roler this is mos of adhesive plaster. Lome times the bloodregsels of the legs become weakined to the laxed to that they are una

: ble to resist the weight of the circulating fluids-they discharged from the ulcer with the person a depen. don't thate of the less increases the gracity of the bluids on the part, & consequently disposes them to sevele - confiring the patient to livio the best applying the bandages before he vises. Howas formerly very common for durgeous to fell the where with lint or drysing from the bottons as it was cally. a patient was once attempted to be evered of Fistula in ano by dreping from the bottoms by several very eniment surgeonsbut their attempts were ineffectival - he left off all application wit cured himself very boon, Merely by sitting in the Muid of a spring-never dress Fistula in ano from the bottom. Fevers have tometimes evered tore lego - pleurisy hoscured there. Friday December 19th. 1806. Where may be divided into 8 different Kinds viz. 1th The inflamed Wheer-it is Known by the Wheer laccoming poinful - requires many the same treat-: ment as other local inflammations. The best application is a bread + welk pacetice- the pa : tient should be Reft in bed - when the inflaw. : matero is reduced by bleeding, so it returns to the state of a Simple weer, & should be trialed as

such . - 2 Fungaces Ulcer, in this sort of wheen Simple pressure has been found useful wherethe does not auswer apply Lunar Carotie. 3. Weers betweeted in Odernatous Limbs- in this species Toppey bandyon Glorighy Ulcer- is always attende in the higher many pain. Bark is to be used freely likuwise opium, a cordial dist. formenting haal : tiers with charcoal - he may warm weather in this kind of wheer Magots are very aft to form into the to destroy these to prevent their re turn, + to cornect the fotor, Mitric acid diluce with water has been found very useful. In : dolent uleer- in this kind of when there is no disposition to head - the edges of the selen anhard , med to cure it, nemove the callous edges, by cut tized them off with a Knip; or where the patient objects to the Knip. Caustic velkali application 10 or 15 Ministes will remove them: apply caus : tie to the middle of the Mees best take care you do not touch the granulations near the edges with the Caustie - Murerry given so adto produce Tyalism has been found very auful in curing uleers, expecially of the indoluthing 6th Carious Ulcer in this ulen a portion of

bone is dead - as boon as the portion of bone is loose, extract it with a pair of foreigns when this is done the celeer is reduced to a timple one It is frequently nearpary to culary the ornifice in order to extract the expoliated bone. Where however, the bone explicated has been to long as to render in impossible to enlarge the recovered dup : ficiently to extract it, without great danger, the Dr. has broken it into prices by a pair of firm : exist then extracted one price at a time. It is now meetsary to know whether or not the home is sufficiently loose to be extracted, before you enlarge the orrifice - to know this , props against the home with the end of a prober introduced in the wound, I if the patient on the bone being prefsed, complains of much pain, & a truall quant : ty of Blood comes aut, we may conduct it is loose but if the patient should be pain? when the bone is pushed in this mainer, the lit is not loose enough. The poin in this case is produced by the fragment of bone which have alisen under it to the fine as are attended with avarisone views ... A light boundage, or laced stocking, will often our itthey must however be continued, on the verweill again become varicose. Un aperation has been performed with bucesp, by tying this

Vera Taphena, where it reens along side of the Knew. The operation thould be performan then full - But the book has found it very difficult to perform it in this rean. : mer awing to the patient trembling very much another anethos he has found to answer better viz. to apply a downiquet above the Knew Lufficiently light to compress the view without pressing the artiries - the patient meest then be laid upon the Fable the "This immediately above the view is to hear Surgeon on one lide, I ley her apistant in the dans way on the other; a Scalpel is then to be thrust thro the Min with the back towards the by in Riew to Filmer Breedle with a blent point must next be pass round the view-+ tied . The br has found it mecespany to intro-: duce a brush compress of Linew between the throat & the recion on the upper side. The erse of this compacts is to allow you to cut away the Ligation about the 5th day without any daw ger of evouriding the view which you might ready do if the comprep was not there. When the wie is this secured, bring together the sides of the wound

plaster- allowe a small opening for the ends of the ligation to pass out -. The danger attending this operation is trifling, as the subsequent inflam : mation is generally Hight. gth Mens attended with a particular diseased action. they may be devided into general + local. general where the whole tystem is affected, slocal where the part only. On select formationed fole : lows a huneral Bubac of a very curious him it spreads like a ving woom - the part. last love thins over, of the other edge breaks out. On inotourer of this Kind of Alleir we had in the reversed words of the Hospital this live ter. Tensday 23 December. Fractures -. a fracture may be defined a A foliation of continuity in a bone caused herdden in by Drunken people beldom fractions their bones by falling owing to the Musseles being relaxed. when a bone of the extremities as broken thepaa noise may sometimes be heard by the ends of the bones rubbing to geather the ends generally pape each other of the autica of the limber is enlar ged by the end of the bone. Sometimes swelling and convulsions come on. Frantieres are di: : vided itto Simple & compound. a compound in the bone, a wound of the external soft parts

also attended a disriple fracture, when the bone any is injured. To cure a compound fracture, but the shone in compleat apposition, & were Means to retain them for the wound if swall will unite by the first intentions - if inflamme : tion Auccouds, use bloodletting to. . the hear apple cation to the part is a soft bread & milk pool tice with lead water -. To reduce a simple fraction relax the Museles as unchas popular blu . Sometimes it is needsary to bleed ad deliquion this is seldow the medicar a practical limbs, beat this is seldow the best pleased is the best please that can be applied to Keep in place a fractured home - this pastboard thank be wet in Warm we : ter before this applied, this causes itself to public easy & when they growedry they answer every purpose If great inflammation, hair & builling attend the fracture they though be allaged before we attemp to reduce the bones. In some cases the bones refus lectiveen the ends of the fracture bonds, it has been recommended to out down to the bone & baco off themproctured ends, & thus reduce it to the state of a simple fraction but this operation the D' would not advise he thinks a Seton armed with a the ends of the fractioned throw tooled answer much better it must be kept there tile an union takes place to the bones it acts by producing

inflammation but we thebaus & consequent union between the ends of the divided bones. this operation the do has performed twice I both times with success. He had Known bory union to take place after having been deferred q months, without performing any aprecation ... for an account of are union between the divided ends of the humeres Mew york medical repositary. Deer 26th Friday of Tractures of the borres of the Mose. Innot indances the fragments are defregat below their commence Selection. pass tome Barrolle bubstance into the Mostrie, + raise the bone. If the frag : mento are house introduce line into the Mostrie in which a gun chastie camula must be placed for the patient to breath thro, but it is not absolutely receptary to introduce the canula for he can breath thirs, the other nortree. The only dressing meetsary is a price of leather spread with adhesing plaster. of Fractures of the lower daw. When the bond happens to be broken on both sides The autirior part or chin is drawn down by the Bigastric Muscle. a tooth is generally boose loose ishernediately above the fraction, + it has been recom : would to draw the loose toothe this however must never be done, for it makes an opening into the fracture constituting a compound fracture faster the loose tools to the others by a thread. The upper jaces is the best and the ordy aplint that should be applied. the teeth of the lower jan

must be placed against the upper jaw tenfi. the head. The patient is to be mourished entirely by liquid food introduced between the teath. and the fractive will generally unite in about 3 beeks. The saule method of treatment is to be used when it is broken hear the Coul dyle the patient must be kept from Speaking or using his jaco in any marener .... Fractures of the Vertebra. when this happens about where the Phreine Merve goe of the patient dies inumediately. but when he : low this he lives generally about 5 days with a para : lysis of all the parts below. the faces come away with out conscious ness-, but there is an entire suppression of Wine therefore it must be drawn away at least twice adap or what is still better to have a gum elastic flexible eather in the bladder. When the vertebre of the rucks are injured it is dangerous to turn the patient on his belly in order to exa. . wine the part, but he may be laid on his side and thus examined without any danger of heing the : glob of Fractions of the clavides the Claucele is very oftent fractures, and mostly

about its middle. The thoulder of the affected side falls down considerably- you will generally find him leaving on his ellow, & to the side affected. generally displacement of the born takesplace, the sometimes it does not especially when it happens between the insertion of the cartas ligo from the coracoid process, the scapulary process of the same bone. The following is the method of applying the bandages for a Fractioned cla wich. I for Place a large paid stuffed with horse hair for flannel doubled several times wick answer the bain purpose, of the shape of a Wedge, I the thick end up , or toward the avilla under the areco of a roller passed round the body- the arm is there to be described down will the elbour touching the bide; which will extend the clevi de, the wedge under the arm will compler act the pretoral presele. a price of softlines is next to beplaced between the arm of chesta to kne went the retained perspiration from becowing acrid & excapiating the thin - a roller is there It to be passed round the arm flody seen taking leave that it is not drawle to tight as to stop the pulseiser the arrow, but purliacest, to this the hand aught to be placed on sling made of a piece of the roller which may be pinned, or becon to the first roller that was passed round the body. The roller must then be continued from the opposite side in heals a mauner as to cover + prepulson the frac-

: turid part if the skire has been bresised above the clavich it Deeptit in the first place to be con ed with a small piece of adherive plaster. The rollers ought to be pinned or becon in a great many places to prevent their being do : ranged ... Tursday Deer 30th of Fractures of the Scapula - oferst of Fracture of the acromion of Scapula. The portion of the acromian that is broken off is always full down partly by the weight of the armand. hartly by the Pletoral musels. The or humeri mus he pushed up and Hept so for yor 5 weeks in which time it generally unites aprice of linew is to be he bent. a bandage is to be placed around the arm + leady - to Keep the humarus confined af. ter it is blrawn up. When the angle of the Scapula is broken it is drawn forward and a little upwards by the action of the Teres Major & minor - while the other part is drawn doctor. The arm ruest be drawn forewards and expended, with the hand on the other should der, & Kept to for 3 or 4 liceks, by applying abrian bandage around the arm of the chest, having him Fraktures of the richs - when any of the rils are fractioned the patient always respires with difficulty and pain- there is frequently a fort couch at. · tending which always gives him pain. all that we can do is to affly a broad bandga sound the Thorax, to Keep the fractions vibo as much

at rest as possible. Mucilaginous Mixtures are useful to allow the cought pain. if the fewer is high it is to be treated exactly as preumonia Blisters cannot be applied, as the boundages are in the way. When a fragment of the relepier ces the pleura & the Lungs, the air is expelled into the cellular texture thro, and the body, carriery emplement in every part. To vernedy this a senale offering ruest like reade justo the please between two foreign the places to be the air aut teres foreign rebs. The cillular membrane should be page; of Fractures of the Sterneuce- this harly ever hap freus but may be known by caresing the patient to exert the pletoral russeles violently, when the ends of the bone may be heard to grate, if broken. all that can be done for it is to affly a bandage around the body. of Fractures of the OS humeri- this bom is formationes backen directly acrop but mostly obliquely. a Fractiere of the head of the oshumin prequently resumbles a dislocation, that some: tilmes been Mistaken for it. When the bone is districtly high up in the axilla- when bot. Hun the sharp ends will be felt. If the lower frag: : mout of the head of the bone is pushed inwards next the Fromax-after the bones are reduced and brought into compliant apposition, a bandage is to be applied round the arm - I mest the splints are to be put or - 2 Splents will answer every purpose, over uchich another roller is to be applied. a large company price of flaunch doubled up is to be

placed between the arm I side. he about 10 days the bandages & splints thould be taken off in or der to examine the state of the bones, which if they are not in apposition may then be brought togeather. In fractions of the shead of the as hume ene there is formetimes a large extravasation of blood from a wound of some of the bloodvepels of the part. Deparet has recommended adopen ing to be reade into the turnour, but this should not be done for it reduces it to the State of a conspained fraction - when if left to itself without opening, it will be taken uply the absorbents. The knost that should be done is after it has stood for some time without appearing to derinish, to make a small prince : two ights the caucity just large errough to evacuat. the contents as soon as this is done, the sides of the puncture must be drawn together by ad : hesive plaster & Kept to tile they unite .. - -Friday Sanuary 2d 1807 ... The of Fractiones of the lower extremities of the her. : meres. Where this happens near the condepen one of them is pometimes broken. If the coldyles are deperated by taking one in lach hand they can be made to prove to crepitate, when only one of the condesses is brokery of it can be moved veryea End of the humarses it is very to flex the fore

come on it would be price better who bent than who straight . a roller should then be ap = plied rounds the forearm and humanes two peices of slift postboard foftened we water are their to be applied our on the back part and the other on the forepart of the arms two other splints made of stiff postboard are next to be applied one on the outside of the other ou the invide of the arm. The two first pices must be lebut to accommendate the arm as it is to be Kept in a but position. The two last afflicts are to be Dawid out of Stiff postboard so as to agree with the hind of the arm. These four splines are mext to be confined by a deall roller, other by a broad bandage confined to the side being pag ed round the body at the end of 10 days they are to be taken off, othe fracture examined They are then to be applied for 10 days larger when they are again to be taken off and the arm gently extended fractures of the middle of the humanus is practured in the middle it is very asily bent t by this may be Know after producy extension + counter extension by means of

assistants; of the bornes are brought in complete apposition a bandage is to be applied round the arm over which 3 oplints are to be ap : plied of another roller round the whole. Confined to the side by means of soller, of Fractures of the forearm - the sa. : dies d'ulua are formetimes practimes et actly opposite each other and may then be herit very easily, & a crepitation may be heard. Our apistant is to take hold of the humans apistant is to take hold of the hand the ex. : tension of counter extension is then to be made, I the Surgeon to bring the bones in complete apposition. a bandage is to be applied Moderately level not too tight Two splints of stiff pastboard or Shingle breader than the arm should be applied one on the anticle of the ather on the inside of the arm. They must extend from a little below the elbow past the ends of the bingers -

care to Keep the therends upward for if by any needers the themale should term to wards the body of the bones unite in this position the patient could never after definate his hand The sum is to be put in a sling hung round the neck. sometimes the radius only is broken-its this case the arm is not dericinished in length. The we. na is searcely ever broken by itself. The some Kind of landages are to be applied. of Fractures of the Olecrenon of the ulna- when this happens it is very difficult for the patient to extend the arm when bent because the action of the Triceps culitie which is three: : tensor of the farm is distroyed . of all frac Tures this is the easiest detected -: a roller is to heappeies from the wrist tile near the shoulder-taking care that no fold of the then is between the fractured ends of the long splint is then to be applied on the inside of the arm in order to Reep it extended.

the dressings are to be taken off the parts our : mined; and often 18 or 20 days the gentle flex : ion and extension is to be legan to present anehylosis .. Of Fractures of the meta : Carpal bones. The bones on to be repla ed - o two splints offlied over whichan to be confined by a poller. . When the pholonges of the fingers are fracte means of smale splints to roller. - - Concery 6 Jeweday. 1807. of Fractures of the or Jemerico. The fumories is most usually fractioned about the middle of the bone - I mostly obliquely - but some : times transversely. On examining the limbe when fractioned obliquely it will be found for 2 inches shorter than the other. In moving the lower fragment a considerable crepitation may be hard considerable pain is likewise felt by the patient. The lower fragment is drawweep words I wrader the upper fragment. Ex-

tension and counter extension are to be made in the usual way. To make the counter extension an afristant is to place a tower on the perhoneren hour the pulies pelvis. The extension is to be made by a touch paper round the leg aliano the ankle. Before the patient is laid on the bed as many of drepsings as possi : We are to be laid down that they may be of, times conveniently applied. It oblique practienes of the humerius the lower fragmid is very aft to be chaver up by the actions bleg is generally found the bone unites the begins generally found thorter than the other to remedy this, Defracelt to an apa raties composed of tens long nawow boards with holes in both ends of the exteanal & longest according to the improvements of Drs. Physick & hutchison this Splint with one end placed under the axilla is mude to pass belove the foot. The counter extension is made by a tilk handkerchief passed between the fegs & continued lep to the hole in the If but near the axilla, where it is to be tied. For the counter extension another

handkerchief is to be tied round the leg just about the arikle , one end of the hand Kerchief is to placed on each side of the fact, of the o under it, on the bookit is then to be continued on a tied and over a black fastned on the lower eni of the aplint on the insides which will make the counter extension in a the foot to one lide as was the case with the one invented by Depault which had a hale in the locuer end to fester the hankerchief to. Before the patient is haid on the bed for nother the mallrafs which is better, because it does not gill do much if however a mattrass can not les had a leoard thould be laid between the backen hips in the from falling down.) several pieces of take thanks be laid down at some distance from each other, along enoughts reach round the dressing when applied on the thigh - over these peices of Pape-aprice of linen sufficiently large likewise, to cover the whole, is to laid; for the linear seve and prices of muslin rollers are to be law over each other, or partly over.

Long enough to go round the pelvies & splint the handkerchief which is to make the coun ter extension is next to laid obliquely xcrops the rest. The patient is then to be placed on the bed, & drepsings. the bandar ges are then to be drawn round, in the the same way the many tailed, is applied. The applicate, It are ment to be applied the long one on the outside, + the short one on the inside, extending from the perine cum to to the fast .. The boundages and the that make the extension of Cour ter extension are to be drawn sufficient tight, I tied. Theo long henale linen haps Stuffed with chaff, are to be placed by tween the splints of the leg-. The follow about one foot long is to applied on the top of the thigh just over the fracture. The broad pices of linen is to be drawn over ell. I the pieces of tape then drawn up + tied- over the all the bandages to becure them in their places. The broad handay which paper round the pelvies must be hastned for the purpose of confining the upper and of the spent external splant.

Friday Sanuary 9th. 1807. 6 Ja Physick. When the thigh bone is fractured directly acry splints applied on lack side will answer the purpose. But the splints of Deforalt may be used in every case. of Fractieres of the Mick of the Thigh bone. They are Known by the patient having been sensible of something braking - he will be unable to vise from the ground - he cannot use the thigh -The Stoot generally inclines towards the out that rapiles towards the inside. The purgeon generally by extension is able to pieled down the leg even with the other, but sometimes to do this requieres conside : rable force- on letting it go - it imme: diately flies back again. If you take hold of the thigh bone and rotate it, the head of the bone will not perform part of a circle as usual when not broken, that will appear as if it turned on a pivot. The Spatient will also experience considera : ble pain on the least motion of it. The Dr has known two cases of fractions of the head of the Thigh bone where bony union did not take place. Make the extension of counter extension as before direction, and

when the bones are brought in compleant apposition, apply the aperatus of Defocult it must be kept on for at least 8 weeks. If it is practiced within the capsular figarment it hardly ever unites, but if it is fractice on the auticle of the ligament bony union generally takes place. The thigher bone is sometimes fractured mean its lower extremity mostly abliquely, butlike all other fractures of the long hones some times transversely. But the moss general May is obliquely experiends - on moving the bone crepitation may be felt. The thigh easily hands .. If the condyles are depended by fracture it may be Known by the surgion taking one in each hand & mubbing them an each other. Theap. peratus of Defrault must also be applied here. In fractures communicating with the early of the Hnee joint, a considerable buelling will come on, not from efficient blood, but from inflammation of the joint. Huf the jaints perfectly at rest by the splints. after 20 or 25 days however it must be gently moved. of Fractures of the bones of the leg- H mostly happens about the middle , tobliquely - when both

bones are broken the leg is formationes à little shortned. The fraction may be very least. The extension of counter extension of the Legislat above the ankle of the ather just below the Knee. Several prices of bandages are to be laid on a fil : low one over the other forming what is call the many tailed bangage. The pillow with the bandages on it is there to be laid under the leg of the bandages brought round it. Two prices of tiff pastboard about 3 or 4 inches broad & moist and in water are to be applied, one on the acetical of the other on the inside of thinking. there are to be confined by 2003 fuices of Tape hapsed oround them -. The pillow is then to be preshed up close to the dress : ings and 2 Bards about 3 or 4 inches being are to be applied on the authide timbide. of the leg-extending from the lines to the foot. there are to be confined lekewise by pieces of tape. he order to keep the foot in its proper position, a landage is to be passed round it it each end of the bandage is

to be fastned to the Doespings below the Hneb. To keep of the pressure of the bed cloaths a small cradel should be placed our the leg. Two hoops will answer this purpose very well if about one there of each one is broke off of then cropsed in the middle-thus Tensday Jany: 13 the 180%. bone which had been fractured in this case the whole nick of the bone weres removed by absorption. In confequence of the mick being tact with the body-of formed a complet joint being tepped with cartilize. of Fractures of the Tibia - this bone is mostly fractured mear its middle - it is drawn up ley the action of the rues eles a very letter livay. when fractioned toldiquely the rues eles generally draw the lower end of the bone instructially autward, forming a thank an gle which can be easily felt. Whenit is fractured transversely it is very difficul to be known. The dressings are the same as when both bones are brokens. when it is fractioned at the upper extremity a con munication sometimes takes place with the Kine joint . The patient should not be al the inflammation of develling will be very

great. the fragments sometimes irrital the And jaint-causing convulsions-inflamma : tion of in this for case permanent exten · sion will be mecespary to come it, dit may he made by the long splint of Defoutt of Fractieres of the dibula mostly has : plens from a wislent abduction of the foot the bone is pushed directly inware towards the Tilia. By taking hots of the foot & making extension it is easily brought into its place. apply a splint on each did of the leg- do not apply the bandages it he by on the bone will be pushed involed. luken both bones are broken oblique elythe muscles bornetimes draw them up so as their pragments irritate the surrounding frants, causing convertiscous, do. to keep the bones in appos : Litian it is necessary to make permanent extension. This may be done by 2 spilats invented by Defsaitt & improved by Dr. Hutchison - in this form wig lang enough to reach from the Knee below the foot - The many tailed bandage is to be applied after the exclusion of counter then to be confined on each side of the leg just below the Knee by a roller

The splints are then to be applied taking care to put two leass filled with chaff between the splints of the leg- the upper end of the splint is to be fixed by the tape being put thro, the 4 mortices which are the it- a crops bar is to be paper thro the mortiew in the lower end tome dis tance hilow the foot-this bar should be made to fit tolerably tight about dage is to be paper round the ankletied under the foot & by it the extension is to be made over the crops bar? a price of tape is to be passed round the splints below the foot in order to con-fine them together. The abjections to the these splints are that the banglage below the knee in order to answer the purpose, is so tight as to press the views this sometimes happens but May be pre wented by applying bandages mound the fact which prevents it from Levelling. If inflammation d'healting comé on fection the drefsings are applied they thould her reduced by belandletting at. before one of the dressings are put bon.

Friday January 16th 1807. Of Fractures of the Patella - it is sometimes caused by Muscular contraction - but very often by some indury done to the partly it transvirsely the patient cannot use the les if and if standing up will fall doken Whom bending the leg the fragments well be drawn abunder. it is sometimes fracte : ord obliquely. + sometimes longitudinally in the direction of the lines. When fractioned transversely it is very easily discovered. The patient thank be laid on his back with a number of pillous under his head and thoulders -. a number of pillows should be placed under the thigh and leg, to as to extend the leg on the thight to been the thigh on the bady-in order to relax the extensor recoles of the thigh a bearage should be applied on the legion : mericing at the foot, on arriving at the knee draw down the upper fragment of the patella, taking care to fold the skin beshind the fatelle upper part of the patella a compress of linear is then to be applied above the upper fragment in order to Kupthe fragment in its place this is tale configod by continuing the roller set the thigh It is heedsary to apply the bandage on thean terior part of the Knew - att otherwise it would bewell very much. The meason why the bandage is expliced below the Knew is to company the negles of hyperphatics in order to Keep the leg from swelling which would be very aft to be produced by the bandage applied round the Knee. The reason why the learndage is continued up the thigh is to compress the extensor muscles Land thus to diminish their power efeontract ing : a flint long enough to reach from the heel to the Heberosity of the is chium and rolled up in flammel, should then He her applied under the leg-sconfined by a roller. When the Knew Goint is in a tate of inflammation the bandage thould not be applied loo tight or the in flammation will be very much aggin nated - in fact the inflammation should for semulat reduced before the bandages an applied. This bone is generally united by ligament. The formationes by bong union the patient for a long time binds difficulty in extincting the leg. I have been a man who had the effer fragment drawn 3 inches from the lower - yet he walked well enough. The should exercise the leg as soon Is the liga went is formed the less way to do this is to set on a table with the leg hanging or and

to swing it as far as he is able to exture it far ther every day. In the treatment of low -· gitudinal fractions nothing more is bruce pary than to apply a compress of linear on each did of the patella & confine them there by a bandage. of the Treatment of compound frac : tures. I will just add a few words here in addition to what I have formerly daid on this perbicat- they are sometimes att : tinded with profile homorrhages - if the hie. taken half of apply the towniquet inmediate in the refer to the part be low is distroyed the limb ought to be ampertaled in. when a wefsel which cannot be discovered bluds much - nather than ampertate the birgly of Levaced take up the ferroral artiry. When mor : tipication corner on after compaund fraction, do not amputate till the mortification stops. when a fragment of the leave protrudis thro. the skin, if it is small and cannot be replaced easily, it may be taken off with a small saw on pair of nippers. I never bar a case in which it was necessary to dilate the wound in order to reduce the bragment. any loose fragments of leave must be removed , and any extraneous matter must be taken away if it can be got

at easily. If inflammation comes Bleed, and use strict antiphlogistic mes geginnen. a lenead and wilk poulties is the best applica toon to the wound. after the inflammating symptoms have belisides if the patient is very weak bank & wine would be resepted .-Blisters will be useful to put a stop to a made letimen the mortification which the consequence of inflammation & that which is is produced by a complete destruction of the part from some external violence as for in . Hance when a waggon wheel rems over the leg it often praduces death in partwhile bloughts off it is only in the former kind that Blisters are necessary. Tensday January 20th 180% of Distocation - when a bone forming a joint to be dislocated it is attended with great pain.
When the surgeon is called early it is very easily very difficult to medice it is of long thanding it is very difficult to medice it. If inflammation to blied, purp, give low diet, to. When it is hard to reduce the best method It now of lo to it is to blue the patient standing acet of both crows till he faints. It has been proposed es a substitute for bluding ad deliquium o inject strong infusions of Tobacco ...

Bluding and deliquinon is not necessary to be used after it has stood a month, for the muscles then cease to contract invo: : huntary. . . of Luxations of the Jaco Bone This takes place directly forwards and donemeards . formationes both concliptes are. dislocated: + sometimes one only & then the Janu is drawn Sidwise - the fratient cannot devallace his saliva -: it is generally very case : by reduced .. The Surgion must pap both thember covered with a towel, as far back over the grinders as headen the other fine gers are to be placed under the jow on the outside - the jaw is more to be pushed for : ward and downward until it is entirely disingaged - then by gentle pressure it will easily spring back into its maternal situa. : tion. of Luscations of the Vertebra. I have already spoken it happens very rarely. of Lux ations of the as humeri - This bone may he herated downwards firewards; downward I forward; & downward & backward: the first is the most common-directly under the acre : mion a considerable reacceity is formed +

the mound head of the bone may be felt by the fingers in the axilla. I have already tole head of the bond. In many necent cases of huxalion of the head of the head of the humans the sur geon will be able to reduce it himself. But in many instances a greater force is necessary. when this is the case, two Towels are to be tied round: the humerus immediately above the elbow for the purpose of making the extension - another assistant is to make the counter extension, by placing both hands against the acromion scapula - when the bone is disingaged the Surgeon is to draw it directly upwards - the if it is not easily boot. in its place - the apistants making the coun Lea extension are to let buddenly while the furgion at the farm moment- with one hand placed under the upper end of the be one vaises it up, I with the other hand on the lower and prepos it suddenly down-making the humerus a lever. It is very necessary to make the countines. tension against the acromion- attenuese he force of the extension will be applied o the connecting medium between the Scape (a and down K). We prove that the force

would be applied to this place, by this circum : stance, viz. that in every case where buffi: : cient force was applied to hear the arm from the body-it never happened at the thoulder joint , but the teaperla wasal: : ways torn off from the body with the arm. If you do not because by these methods, before you apply the pulleys to her spoken off directly; bleed ad deliquin animi when it may be arduced with the greatest immaginable ease. when the patient objects to bleeding try the strong enjection of Hobacco. Thave becauded in reducing them after they were out 9 Necks - and than the pleasure of en forming you that a case was lately Luc : ceeded in, in Battimore where it hadben. out 16 recepts ... Adhesians formationes take place between the bone & " wrounding Lound parts, under the axilla after it has been disto : cated a long time -; In this case Pulleys are mecel : Dary to break the adhesions & reduce the bone. The pulley is to be fastned to the bandage above the ellower of anay be tightness by an affis

tant - the counter extension is to be minde. by a bandage fastrud to a hook on the of posite side of the patient - the bandage is to placed our the patients head of fact med on the acromion process-at the place where it comes in contact with the acro Micon it & haule be stuffed with hair, or some ther bott substance. When the bone is the africe of faster it to the side leg a roller. Lucations of the elboce joint It generally happens backward supurare - I have seen it Laterally -. When it is dislovated backware and reproceed the hook of the observe non ear be the forearen bent. The extension of counter extension is to be made by tood afoistants at the wist and humerus. while the surgeon brings the bones in place. I have never been any difficulty in reducing hisoations of the elbow. The Wrist is sometimes luxated. it is sometimes mistaken for a practice of the Radices . J, a practure of the radices for a leckation. It can be very easily reduced ... The fire fense passes behind the lower - it can be re duced by moderate estension. The Themle s sometimes dislocated inwards over the me acarpal bones - when a complete dislocation

takes place it is very difficult to reduce. Friday January 23. 180%. of huxations of the Thigh bone at the hip joint. This takes place upward thack : ward - or upward of forward - or directly bear Abrumoands - It resembles a fraction of the neck of the bone. when it is dislocated backwards the foot is turned inwards, & cannot be turned outward. When downward & forward the les is always longer. When downward and forward the leg is always longer than usual. bu this case the poot is turned autward. When it is dislocated foreward & represents the limberell be shortened and the foot turned outwardthe round head of the bone may be feltie the groin. Extension of counter extension must be made in every case with dire: : tion of the live this extension is made on the thigh, of the concenter extension over the pelvies. The head of the bonge is mostly lodged on the head of the acetabeleur... When the bone is dectated upward + backward it is mostly necessary to have pulleys the, bornetimes fort mon will answer theper pore. The patient is to be laid on his back and in order to retarthe museles the les

s to be bent on the Thigh & the Thigh and the reluis. a trang bandage is to be paper between the legs, & fastured to a hook on the appointe beden of the patient for the purpose of making the ned to be server above the Koner by a roller for the purpose of making the extension the towels ne to be formed fastred to a pulley - while the extension is making in this way the Surgeon's to matate the bone by moving the leg. In home cases it is necessary to pass a to well oround the apper part of the thigh which is to be paper prom the brien of the pelvis. The Dr. and one apistant have reduced this bone very losily after beleeding him ad deliquieum -. When Listocated downward and forwards the head of the leone is gett and the inside - the leg is of reducing it is mearly the same except that the hand happed rocend the upper end of the thigh over the shoulder of the assistant is absolutely necessary - the assistant at the same time making the counter extension leg his knee or footplaced on the pelvis - and if the apistant gaunsterest bufficient porce the bone up to the acetabele

the patient may be laid on his back tim this beray any digree of force may be applicably the bandage or town hoped round the upper end of the bone: of Luxations of the Knee this happens very varely-d never saw but two cases of it & his batty it was dislocational the bede. There is buch laceration of the capsular ligament that it is very easily reduced the partient must be Kept still for 8 or 10 Breeks or it will be again dislocated. apply the long splint of Desautt. of Desations of the antile it mostly happens from violentabole tion of the foot there is very great pain -It is easily reduced by extension of counterex tensions when it is dislocated forward on the instep while the extension is making the assistant amust press down the Tilia. Luxation of the potella - marely happens in but when it does, it is mostly autward. of it may be reduced easily by modifically ruest be Kept in hed for hereal days . of Thrains - Keep the joint perfectly at mest for hometime immerse it in cold water. Or pour cold water on it. Read Defrault & Bours an Lessations & fractures. they are look very useful works. -Finis vol: 1th

Amas ed Bayus. 1806-7 1 No. 31 North 8 th St. Philadell refered on medicaphe l'adel Dice Mistof & Shipper on Acatomy & Hidioifery
Wardhause on Suggery
Wardhause on Chimistry Balton on Batary & Materia Alledian -Theories are fluctuating; but experience is till the barne." Default. Witten 13. Shith? Thingering William Horace Buckner? Ringinia Amos A. Evans vergenia

